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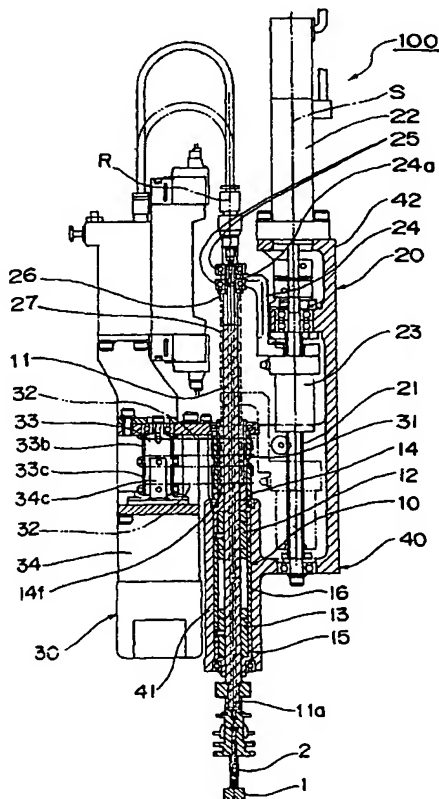
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(54) Title: **COMPONENT PLACING HEAD AND ORIGIN DETECTION METHOD OF COMPONENT PLACING HEAD**(57) **Abstract:** A component placing head (100) provided with spline shafts (11), which are each elevatably supported by two spline nuts (12, 13), is provided with a cylindrical member (14, 15, 16) that is fixed to the outer peripheral portions of the spline nuts and joins the spline nuts to each other to put the same into an integrated state. Further, the cylindrical member is rotatably supported on a head frame (40) via two bearing sections, reducing the amount of the bearing sections to be provided. With this arrangement, high-accuracy component placement and downsizing of the component placing head can be achieved.



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